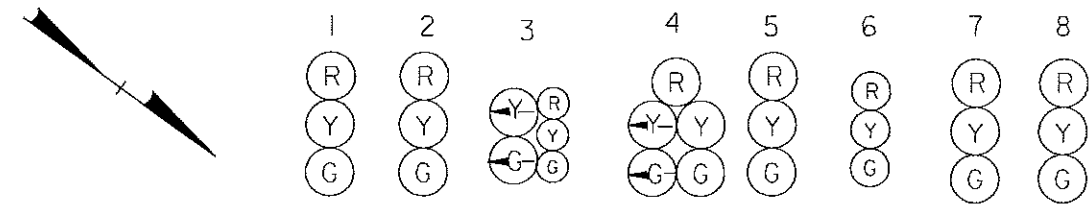


PHASE CHART



PHASE 1+6	R	R	G	G	G	R	R	R	
1+6 CHANGE	R	R	G	G	G	R	R	R	
PHASE 2 + 6	G	G	G	G	G	R	R	R	
2 + 6 CHANGE	Y	Y	Y	Y	Y	R	R	R	
PHASE 4	R	R	R	R	R	G	G	G	
4 CHANGE	R	R	R	R	R	Y	Y	Y	
FLASHING OPERATION	FL/Y	FL/Y	FL/Y	FL/Y	FL/Y	FL/R	FL/R	FL/R	

PROJECT CONTACTS

THE CONTACT PERSONS FOR DISTRICT #3 ARE AS FOLLOWS:

MR. CHARLIE WATKINS
DISTRICT ENGINEER
PHONE: (301) 513-7311

MR. MAJID SHAKIB
ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358

MR. JOE GECKLE
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MR. RICHARD L. DAFF, SR.
CHIEF, TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

THE POWER COMPANY REPRESENTATIVE IS:
BALTIMORE GAS AND ELECTRIC COMPANY
MR. JOSEPH G. BUNCH
SUPERVISOR
INDUSTRIAL/COMMERCIAL SERVICES
NEW BUSINESS CONSTRUCTION
PHONE: (410) 859-9030

PROJECT DESCRIPTION

THIS PROJECT INVOLVES THE MODIFICATION OF THE TRAFFIC SIGNAL AT MD 197 AND SOUTH LAUREL DRIVE IN PRINCE GEORGE'S COUNTY. MD 197 IS ASSUMED TO RUN IN A NORTH SOUTH DIRECTION.

INTERSECTION OPERATION

I. NORMAL OPERATION

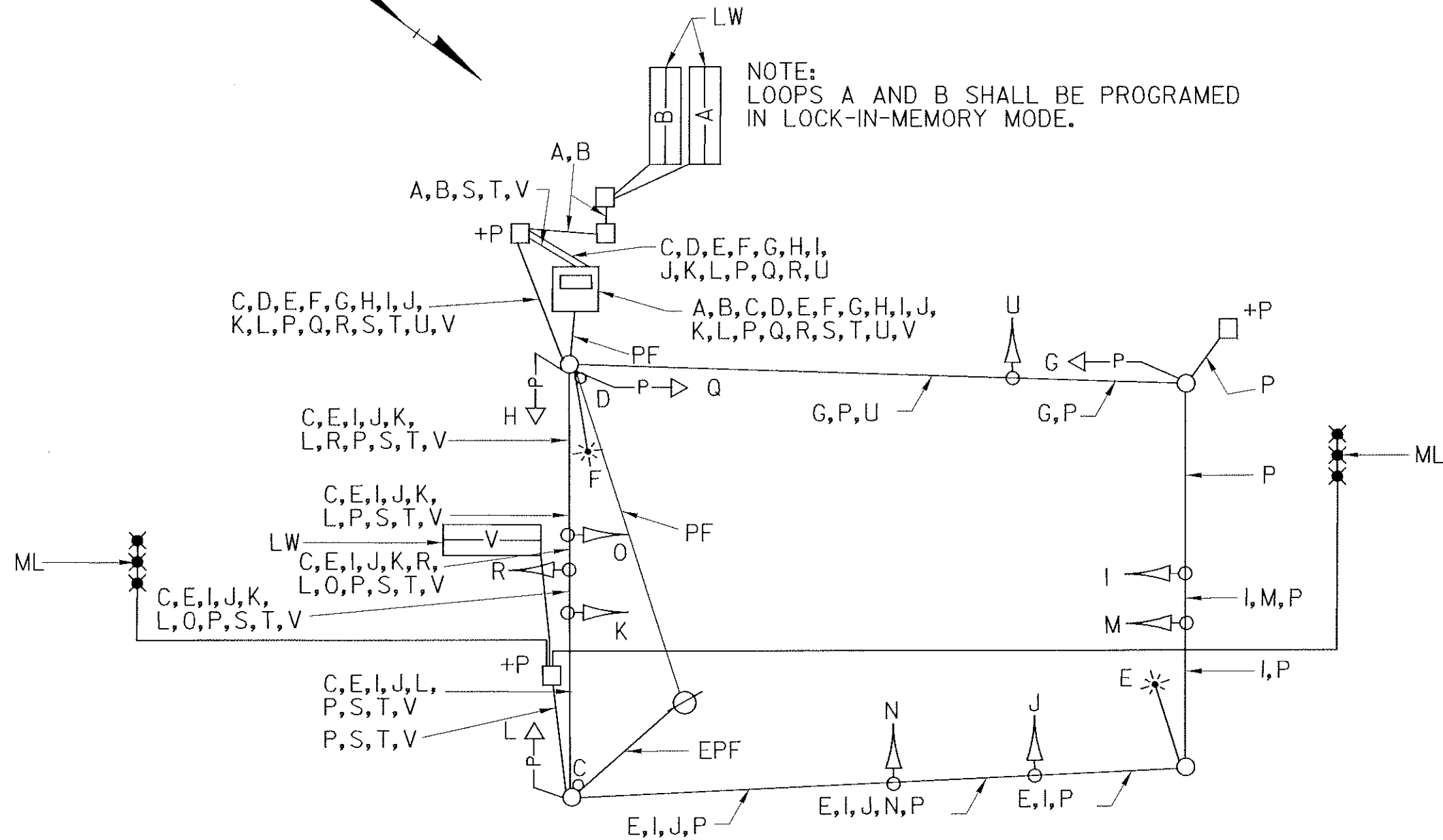
DURING TRAFFIC CONTROL STAGE 2 THE INTERSECTION WILL OPERATE IN A NEMA (4) FOUR-PHASE FULL-TRAFFIC-ACTUATED MODE WITH SOUTHBOUND AND NORTHBOUND MARYLAND 197 APPROACHES OPERATING CONCURRENTLY. THE SOUTH LAUREL DRIVE APPROACH WILL OPERATE ALONE.

MAINTENANCE OF TRAFFIC

THE TRAFFIC CONTROL NUMBERS SHALL BE REFERENCED FOR THE PROJECT

STANDARD NO. MD-105.00
STANDARD NO. MD-105.01
STANDARD NO. MD-105.02
STANDARD NO. MD-105.101 (FLAGGING OPERATION)
STANDARD NO. MD-105.103 (INTERSECTION FLAGGING OPERATION)
STANDARD NO. MD-105.105 (SHOULDER WORK)
STANDARD NO. MD-105.107 (LANE SHIFT)
STANDARD NO. MD-105.109 (LANE SHIFT)
NOTE: STANDARDS TO BE MODIFIED BY REPLACING W21-5 SIGN WITH A W29-1 SIGN (ROAD WORK AHEAD).

WIRING DIAGRAM



WIRING KEY

A, B, V } 2-CONDUCTOR ELECTRICAL CABLE (ALUMINUM SHIELDED)	M, N, O } 5-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)
C, D } 2-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	P } STRANDED BARE COPPER GROUND WIRE (NO. 6 A.W.G.)
E, F } 2-CONDUCTOR ELECTRICAL TRAY CABLE (NO. 12 A.W.G.)	S, T } MICRO - LOOP PROBE SET
G, H, L, Q } 3-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	EPF - EXISTING POWER FEED (TO BE REMOVED)
I, J, K, R, U } 7-CONDUCTOR ELECTRICAL CABLE (NO. 14 A.W.G.)	LW - LOOP WIRE (NO. 14 A.W.G.)
	ML - MICRO-LOOP PROBE SET
	PF - PROPOSED POWER FEED
	+ - 3/4 IN. x 10 FT. GROUND ROD

ADDENDUM

STAGE 2
TEMPORARY TRAFFIC SIGNALS

SS-4

MDOT - STATE HIGHWAY ADMINISTRATION
Office of Traffic & Safety
TRAFFIC ENGINEERING DESIGN DIVISION

LOG MILE # 16019711.61

DRAWN BY: SMH
DES. BY: SMH/DLA
CHK. BY: BJH

MD 197 AT SOUTH LAUREL DRIVE
SIGNAL PLAN

COUNTY: PRINCE GEORGE'S

DATE: FEBRUARY, 1999 F.A.P. NO. SEE TITLE SHEET
SCALE: N/A S.H.A. NO. N/A

TS/STD. NO.: 1728B-X2-G11
SHEET NO.: 125A OF 367

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS

81 MOSHER STREET
BALTIMORE, MARYLAND 21217
TEL: (410) 728-2900 FAX: (410) 383-3270

REVISIONS:	APPROVALS:
	CHIEF SIGNAL DESIGN SECTION
	ASST. DISTRICT ENGINEER TRAFFIC
	CHIEF TRAFFIC ENGINEERING DESIGN DIVISION
	DIRECTOR OFFICE OF TRAFFIC & SAFETY

February, 1999
Reconstruct Due To New Geometrics. SIA No. N/A